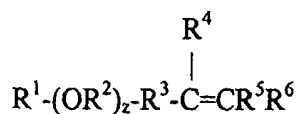


Amendment to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An aqueous coating composition comprising:
 - (a) a binder polymer polymerized from one or more copolymerizable monoethylenically unsaturated monomers containing latent crosslinking functionality, wherein at least one of said monoethylenically unsaturated monomers is a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate; and
 - (b) a second polymer polymerized from monomers comprising a monoethylenically unsaturated monomer containing latent crosslinking functionality and a macromonomer comprising a hydrophobic portion and an alkoxyated portion, wherein the amount of the monoethylenically unsaturated monomer containing latent crosslinking functionality is in a range that extends from greater than 5 weight percent to 50 weight percent, based on the total weight of the second polymer.
2. (Original) The coating composition of claim 1 wherein said monoethylenically unsaturated monomer having latent crosslinking functionality comprises a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.
- 2 3. (Previously presented) The coating composition of claim 1 wherein the monoethylenically unsaturated monomers forming the binder polymer further comprise a macromonomer represented by the formula:



wherein:

R^1 is a monovalent residue of a substituted or unsubstituted hydrophobe compound;
each R^2 is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

R^3 is a substituted or unsubstituted divalent hydrocarbon residue;

R^4 , R^5 , R^6 are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;

and z is a value of 0 to 150.

3
4. (Original) The coating composition of claim 1 wherein said second polymer is a dispersant polymer.

4
5. (Original) The coating composition of claim 1 wherein said second polymer is a thickener polymer.

5
6. (Previously presented) The coating composition of claim 1 wherein the monoethylenically unsaturated monomers forming the binder polymer comprise:

- (a) 40-60% by weight of a fatty acid vinyl ester;
- (b) 30-50% by weight of methylmethacrylate;
- (c) 0.5-10% by weight of diacetone acrylamide; and
- (d) 0.5%-5% by weight of methacrylic acid, based on the total weight of the binder polymer.

6
7. (Original) The coating composition of claim 1 wherein the monomer having latent crosslinking functionality comprises diacetone acrylamide.

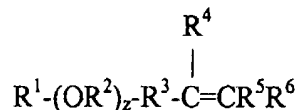
7
8. (Previously presented) An aqueous coating composition comprising:
(a) a binder polymer polymerized from one or more copolymerizable monoethylenically unsaturated monomers, wherein at least one of said monoethylenically unsaturated monomers is a carbonyl-containing monomer

selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate; and

- (b) a polymer comprising the reaction product of:
- (i) an unsaturated carboxylic acid monomer,
 - (ii) a monoethylenically unsaturated monomer different from the carboxylic acid monomer,
 - (iii) a macromonomer comprising a hydrophobic portion and an alkoxyated portion, and
 - (iv) a monoethylenically unsaturated monomer containing latent crosslinking functionality, wherein the amount of the monoethylenically unsaturated monomer containing latent crosslinking functionality is in a range that extends from greater than 5 weight percent to 50 weight percent, based on the total weight of the at least one polymer.

8/9. (Original) The coating composition of claim 8 wherein said monoethylenically unsaturated monomer having latent crosslinking functionality comprises a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.

9/10. (Original) The coating composition of claim 8 wherein said macromonomer is represented by the formula:



wherein:

R¹ is a monovalent residue of a substituted or unsubstituted hydrophobe compound;

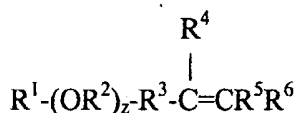
each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

R³ is a substituted or unsubstituted divalent hydrocarbon residue;

R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;

and z is a value of 0 to 150.

¹⁰~~11~~. (Previously presented) The coating composition of claim ⁷~~8~~ wherein the monoethylenically unsaturated monomers forming the binder polymer further comprise a macromonomer represented by the formula:



wherein:

- R¹ is a monovalent residue of a substituted or unsubstituted hydrophobe compound;
- each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;
- R³ is a substituted or unsubstituted divalent hydrocarbon residue;
- R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;
- and z is a value of 0 to 150.

¹¹~~12~~. (Previously presented) The coating composition of claim ⁷~~8~~ wherein the monoethylenically unsaturated monomers forming the binder polymer comprise:

- (a) 40-60% by weight of a fatty acid vinyl ester;
- (b) 30-50% by weight of methylmethacrylate;
- (c) 0.5-10% by weight of diacetone acrylamide; and
- (d) 0.5%-5% by weight of methacrylic acid, based on the total weight of the binder polymer.

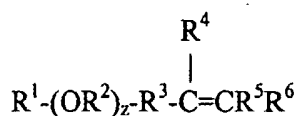
¹²~~13~~. (Original) The coating composition of claim ⁷~~8~~ wherein the monomer having latent crosslinking functionality comprises diacetone acrylamide.

¹³~~14~~. (Original) The coating composition of claim ⁷~~8~~ further comprising a second polymer comprising the reaction product of:

- (i) an unsaturated carboxylic acid monomer,
- (ii) a monoethylenically unsaturated monomer different from the carboxylic acid monomer,

- (iii) a macromonomer comprising a hydrophobic portion and an alkoxyated portion, and
- (iv) a monoethylenically unsaturated monomer containing latent crosslinking functionality.

~~14~~ 15. (Previously presented) The coating composition of claim 1, wherein the macromonomer is represented by the formula:



wherein:

- R¹ is a monovalent residue of a substituted or unsubstituted hydrophobe compound;
- each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;
- R³ is a substituted or unsubstituted divalent hydrocarbon residue;
- R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;
- and z is a value of 0 to 150.

~~15~~ 16. (Previously presented) The coating composition of claim 1, wherein the carbonyl-containing monomer is diacetone acrylamide.

~~14~~ 17. (Previously presented) The coating composition of claim 8, wherein the carbonyl-containing monomer is diacetone acrylamide.

18-26. (Canceled)

~~17~~ 27. (Previously presented) The aqueous coating composition of claim 1, wherein the monoethylenically unsaturated monomer containing latent crosslinking that is used to form the second polymer is a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.

BEST AVAILABLE COPY

¹⁸
~~28.~~ (Previously presented) The aqueous coating composition of claim ⁷~~8~~, wherein the amount of the monoethylenically unsaturated monomer containing latent crosslinking functionality that is used to form the at least one polymer is in a range that extends from greater than 5 weight percent to 35 weight percent, based on the total weight of the at least one polymer.

¹⁹
~~29.~~ (Previously presented) The aqueous coating composition of claim ¹⁸~~28~~, wherein the at least one polymer comprises a dispersant polymer and a thickener polymer.

²⁰
~~30.~~ (Previously presented) The aqueous coating composition of claim ¹⁹~~29~~, wherein the monoethylenically unsaturated monomer containing latent crosslinking that is used to form the dispersant polymer and the thickener polymer is a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate.

- ²¹
31. (New) An aqueous coating composition comprising:
- (a) a binder polymer polymerized from one or more copolymerizable monoethylenically unsaturated monomers, wherein at least one of said monoethylenically unsaturated monomers is a carbonyl-containing monomer selected from the group consisting of acrolein, methacrolein, diacetone acrylamide, diacetone methacrylamide and vinylaceto acetate; and
 - (b) a second polymer polymerized from monomers comprising a monoethylenically unsaturated monomer containing latent crosslinking functionality and a macromonomer comprising a hydrophobic portion and an alkoxyated portion, wherein the amount of the monoethylenically unsaturated monomer containing latent crosslinking functionality is in a range that extends from greater than 5 weight percent to 50 weight percent, based on the total weight of the second polymer,

wherein the monoethylenically unsaturated monomers forming the binder polymer further comprise a macromonomer represented by the formula:

BEST AVAILABLE COPY



wherein:

R¹ is a monovalent residue of a substituted or unsubstituted hydrophobe compound;

each R² is the same or different and is a substituted or unsubstituted divalent hydrocarbon residue;

R³ is a substituted or unsubstituted divalent hydrocarbon residue;

R⁴, R⁵, R⁶ are the same or different and are hydrogen or a substituted or unsubstituted monovalent hydrocarbon residue;

and z is a value of 0 to 150.